RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _O9/766, 880A_
Source: _OIPE_
Date Processed by STIC: _12/13/2002_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: **patin21help@uspto.gov** or phone **703-306-4119 (R. Wax)**
PATENTIN 3.0 e-mail help: **patin3help@uspto.gov** or phone **703-306-4119 (R. Wax)**

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
> **http://www.uspto.gov/web/offices/pac/checker**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. **Hand Carry directly to:**
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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Revised 01/29/2002

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OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/766,880A

DATE: 12/13/2002
TIME: 15:12:56

Input Set : A:\PTO.txt
Output Set: N:\CRF4\12132002\I766880A.raw

Per 1.824 of Sequence Rules, all Sequence Listing files MUST be saved in ASCII text format.

Does Not Comply
Corrected Diskette Needed

W-->	2	<110> APPLICANT:
W-->	3	Jones, Chris L.
W-->	4	Abrams, Ezra S.
W-->	5	Kieffer-Higgins, Stephen G.
W-->	6	Zhang, Tianhong
W-->	7	Eacock, Graham P.
W-->	8	Webb, Michael
W-->	9	McDowell, Christopher S.
W-->	14	<110> APPLICANT:
W-->	15	Methods of and Apparatus for Separating and Detecting Nucleic Acid
W-->	20	<130> FILE REFERENCE:
W-->	21	2313.2001-001
C-->	26	<140> CURRENT APPLICATION NUMBER:
W-->	27	US 09/766,880
C-->	29	<141> CURRENT FILING DATE:
W-->	30	2001-01-19
W-->	35	<150> PRIOR APPLICATION NUMBER:
W-->	36	US 60/176,839
W-->	38	<151> PRIOR FILING DATE:
W-->	39	2000-01-19
E-->	44	<160> NUMBER OF SEQ ID NOS:
W-->	45	20
	50	<170> SOFTWARE:
W-->	51	FastSEQ for Windows Version 4.0

Submitted file was not. As a result, responses begin on line below numeric identifier.

The following pages show samples of global errors

ERRORED SEQUENCES

E-->	56	<210> SEQ ID NO:
W-->	57	1
E-->	59	<211> LENGTH:
W-->	60	50
E-->	62	<212> TYPE:
W-->	63	DNA
E-->	65	<213> ORGANISM:
W-->	66	staphylococcus epidermis
E-->	71	<400> SEQUENCE:
	72	1
	73	catgaaccat gtcaggtcct gacggaagca gcattaagtg gatcctcata
	74	50
E-->	78	<210> SEQ ID NO:
W-->	79	2
E-->	81	<211> LENGTH:

FYI: alphabetical headings next to numeric identifier were inserted by CRF software

If file is created in MS Word, save it as MS DOS Text with Line Break

RAW SEQUENCE LISTING   DATE: 12/13/2002
PATENT APPLICATION: US/09/766,880A   TIME: 15:12:56

Input Set : A:\PTO.txt
Output Set: N:\CRF4\12132002\I766880A.raw

```
W--> 82 26
E--> 84 <212> TYPE: T
W--> 85 DNA
W--> 87 <213> ORGANISM:
W--> 88 unknown
     93 <220> FEATURE:
     96 <223> OTHER INFORMATION:
     97      staphylococcus
E--> 102 <400> SEQUENCE:
     103
     104 acatgtcagg tcctgacgga agcagc
     105 26
E--> 109 <210> SEQ ID NO:
W--> 110 3
E--> 112 <211> LENGTH:
W--> 113 50
E--> 115 <212> TYPE:
W--> 116 DNA
W--> 118 <213> ORGANISM:
W--> 119 staphylococcus aureus
E--> 124 <400> SEQUENCE:
     125 3
     126 catgaaccat gtcaggtcct gacggaagca gcattaagtg gatcatcata
     127 50
E--> 131 <210> SEQ ID NO:
W--> 132 4
E--> 134 <211> LENGTH:
W--> 135 49
E--> 137 <212> TYPE:
W--> 138 DNA
W--> 140 <213> ORGANISM:
W--> 141 unknown
     146 <220> FEATURE:
     149 <223> OTHER INFORMATION:
     150      staphylococcus
E--> 155 <400> SEQUENCE:
     156 4
     157 catgaaccat gtcaggtcct gacggaagca gcattaagtg gatctcata
     158 49
E--> 162 <210> SEQ ID NO:
W--> 163 5
E--> 165 <211> LENGTH:
W--> 166 46
E--> 168 <212> TYPE:
W--> 169 DNA
W--> 171 <213> ORGANISM:
W--> 172 streptococcus pyogenes
E--> 177 <400> SEQUENCE:
     178 5
```

RAW SEQUENCE LISTING   DATE: 12/13/2002
PATENT APPLICATION: US/09/766,880A   TIME: 15:12:56

Input Set : **A:\PTO.txt**
Output Set: **N:\CRF4\12132002\I766880A.raw**

```
E--> 274 <400> SEQUENCE:
      275  9
      276  gctttgcgtg aagcgggtca gggggaggaat ccagcagccc taagcg
      277  46
E--> 281 <210> SEQ ID NO:
W--> 282 10
E--> 284 <211> LENGTH:
W--> 285 41
E--> 287 <212> TYPE:
W--> 288 DNA
W--> 290 <213> ORGANISM:
W--> 291 unknown
      296 <220> FEATURE:
      299 <223> OTHER INFORMATION:
      300        streptococcus
E--> 305 <400> SEQUENCE:
      306  10
      307  ttgcgtgaag gggtcaggga aggaatcaag cagcctaagc g
      308  41
W--> 313 11
E--> 315 <211> LENGTH:
W--> 316 64
E--> 318 <212> TYPE:
W--> 319 DNA
W--> 321 <213> ORGANISM:
W--> 322 Klebsiella pneumoniae
E--> 327 <400> SEQUENCE:
      328  11
      329  cgaacgcta ctctgtttac caggtcaggt ccgguaggaa gcagccagag cagacgacgt  60
      330  gt-gt
      331  60
      332  64
      334  64
W--> 340 12
E--> 342 <211> LENGTH:
W--> 343 64
E--> 345 <212> TYPE:
W--> 346 DNA
W--> 348 <213> ORGANISM:
W--> 349 unknown
      354 <220> FEATURE:
      357 <223> OTHER INFORMATION:
      358        styphimur W
E--> 363 <400> SEQUENCE:
      364  12
      365  cgcaacgcta ctctgtttac caggtcaggt ccgguaggaa gcagccagag cagacgacgt  60
      366  gtgt                                                              64
      367  60
      368  64
```

Handwritten annotation: (gt-gt) *circled* — delete hyphen (-) and insert gt directly beside first group of gt

e.g. gtgt

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PATENT APPLICATION: **US/09/766,880A**

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TIME: 15:12:56

Input Set : **A:\PTO.txt**
Output Set : **N:\CRF4\12132002\I766880A.raw**

W--> 569 Artificial Sequence
      574 <220> FEATURE:
      577 <223> OTHER INFORMATION:
      578   oligonucleotide probe
E--> 583 <400> SEQUENCE:
      584 20
      585 tccgggcct tgcataatg agtcaggct ttccttgtc
      586 41
      589 5/5
      592 BOSTON 1546047v1   *delete*